Use Attainability Analysis

for

WBID 0276 Brush Creek

Submitted by Tetra Tech, Inc

To Missouri Department of Natural Resources Water Protection Program

RECEIVED

Field Data Sheets for Recreational Use Stream Surveys

APR 0 6 2005

Data Sheet A - Water Body Identification

WATER PROTECTION PROGRAM

Water Body Name:
(from USGS 7.5' quad) BAUSH CAEGK; 159-162
8-digit HUC: 10240011
Missouri WBID #: り はつ は
County: PLATTE
Upstream Legal Description:
Downstream Legal Description:
Upstream Coordinates:
(UGS 84, ddd.ddddd) 39. 25666 - 094. 73620
Downstream Coordinates:
(UGS 84, ddd.ddddd) 39, 24537 - 094, 7478 1
Discharger Facility Name(s): UNION CHAPEL ELEM SCHOOL/PCASD, BAUSH CA FACILITY
Discharger Permit Number(s): \$\int mo - 0085413 \text{to mo} - 011947
Number of Sites Evaluated: 4
Name of Surveyor and Telephone Number: CHAD BARROWA: 410-356-8913
Organization: TUTNA TECH INC.
Position: Associate Schuytist.
I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UA. Iatasheet is true and accurate.
Signed:

Data Sheet B - Site Characterization
(A separate data sheet must be completed for each site)

	Mary Company			Site I oca	Site Location Description:				
	Missouri WBID #: 154		Under RT 152 Overfals						
	Site GPS Coordinates: N		74781						
	Date & Time: 03-15-05			Facility N	Facility Name: UNION CHAPEL ELEM. SCHOOL CASO BRUSH CA. FACE LETTY				
	Personnel: CHAU BARD	Permit Nu	ımber:						
	Current Weather Condition	ons: 480 F. Overc	AST	Weather (Weather Conditions for Past 7 days:				
	Photo Ids: Upstream:	5613 Dow	nstream:	1560 B	Other:				
Us	es Observed*:			÷ ý			·		
	☐ Swimming	☐ Skin diving		SCUBA diving		☐ Tubing	☐ Water skiing		
	☐ Wind surfing	☐ Kayaking		Boating 🖔		☐ Wading	☐ Rafting		
	☐ Hunting	☐ Trapping		Fishing {		☑ None of the above	☐ Other:		
	Describe: (include numbe	er of individuals rec	reating, fre	equency of use,	photo-d	locumentation of evidence	of recreational uses, etc.)		
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	rrounding Condition us of interest.)	S*: (Mark all that p	promote or	impede recreat	ional us	es. Attach photos of evider	ce or unusual		
	☐ City/county parks	☐ Playgrounds	☐ MDC	conservation la	ands	☐ Urban areas	☐ Campgrounds		
	☐ Boating accesses	☐ State parks	☐ Natio	nal forests		☐ Nature trails	☐ Stairs/walkway		
	☐ No trespass sign	☐ Fence	☑ Steep	slopes		☐ Other:			
_									
Ev	idence of Human Use				·				
	☑ Roads	Foot paths/prin	nts 🗆	Dock/platform	n	☐ Livestock Watering	RV / ATV Tracks		
	☐ Rope swings	☐ Camping Sites		Fire pit/ring		☐ NPDES Discharge	☐ Fishing Tackle		
	☐ Other:								
oth *Sc	er items that may be one of this information is a	of interest. (Included intended to direct	ude photo	ographs) ce a decision of	n any or	nent sites clearly labele	·		
may	y point to conditions that n	eed further analysis	or that eff	ect another use.	. 18 e.,				

JTR-03-15-05

September 29, 2004

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Stream Morj Upstream			mensions: Ollm	i ai əm. Ö	رڻ، ۾ رڏڻ. '	5.0.02m		
☑ Riffle): 7,5m	Length (ft): 🖫	<u> </u>		(ft): 0:08m	Max. Dopth (ft)	: 013m
□ Run	Width (f	:):	Length (ft):	A	vg. Depth ((ft):	Max. Depth (ft)	•
□ Pool	Width (f	:):	Length (ft):	А	vg. Depth (ft):	Max. Depth (ft)	
☑ Flow	Present?	☑ Yes	□ No	E	stimated (ft	3/sec): 4(n=1)	5; 4n=9; 4n=11s	·
Downstroe	om View	, Dhysiaal	Dimensions				FLOW: 0.39 M	3
Riffle	Width (f		Dimensions: a: Length (ft):		<u>১। , ৩,২০,</u> .vg. Depth (Max. Depth (ft):	
□ Run	Width (f		Length (ft):		vg. Depth (Max. Depth (ft):	
☑ Pool	Width (f	·	Length (ft): 30			ft): 0.23m		
Flow	Present?	☐ Yes	☑ No	•	stimated (ft	-		U, SIM
	(These va		add up to 100%.)	% Sand	30	% Silt	% Mud/Clay	% Bedrock
Vater Chara		cs*: (Mark ☐ Sewage	all that apply.)	☐ Chem	uicel	☑ None	☐ Other:	:
Color:		□ Clear	☐ Widsky	☐ Gray	IICAI	☐ Milky	☐ Other:	
Bottom De		□ Sludge		<u>·</u>	sediments	□ None	☐ Other:	
Surface De		□ Oil	☐ Scum			None	☐ Other:	· .
This information	on is not t	o be used sol	ely for removal of a	recreational	l use design	ation but rathe	erviews) to this form	
ctision on the s the unders atasheet is t	recreation signed, l true and	use analysis nereby affi l accurate	but may point to co rm to the best o	nditions that	t need furthe	er analysis or	ed to directly influence that effect another use. rmation reported o	
igned:	Clu	tim		······································	_Date:	03-15-05		
)rganization:	TETA	A TECH I	NE.		_ Position	1: A>506 IA	NO SCIENTIST	
	240	< - 0°	3-15-05	•				





Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: 160		Site Location Description: AT RUAD CAUSSING OF N. HAMFTON PD.								
Site GPS Coordinates:	Site GPS Coordinates: N 34, 25585 W694, 73733 Date & Time: 03-15-05; 1510				THE THE COURSE OF THE MAINT TON THE					
					Facility Name: UNIO-CHAREL ELEM. SEHIOL /PCADE DAWH CA, FACET					
Personnel: CHAT BAK	Permit Nun	Permit Number:								
Current Weather Condit		Weather Conditions for Past 7 days:								
Photo Ids: Upstream: 1		Other:								
ses Observed*:										
☐ Swimming	☐ Skin diving		☐ SCUBA diving	<u> </u>		☐ Water skiing				
☐ Wind surfing	☐ Kayaking		☐ Boating		Wading	☐ Rafting				
☐ Hunting	☐ Trapping		☐ Fishing		None of the above	Other:				
Describe: (include numl		creating	, frequency of use, p			of recreational uses, etc.				
urrounding Conditio	ns*: (Mark all that	promote	e or impede recreation	nal uses. A	ttach photos of evide	nce or unusual				
	ns*: (Mark all that	T	e or impede recreation DC conservation lan		ttach photos of evide Urban areas	nce or unusual				
ems of interest.) Non E	1	□м		ds 🗆		T				
cms of interest.) Nov € ☐ City/county parks	☐ Playgrounds	□ M	DC conservation lan	ds 🗆 1	Urban areas	☐ Campgrounds				
□ City/county parks □ Boating accesses	☐ Playgrounds ☐ State parks ☐ Fence	□ M	DC conservation lan	ds 🗆 1	Urban areas Nature trails	☐ Campgrounds				
☐ City/county parks ☐ Boating accesses ☐ No trespass sign	☐ Playgrounds ☐ State parks ☐ Fence		DC conservation lan	ds 🗀 1	Urban areas Nature trails	☐ Campgrounds				
ems of interest.) Nov € ☐ City/county parks ☐ Boating accesses ☐ No trespass sign vidence of Human U	☐ Playgrounds ☐ State parks ☐ Fence		DC conservation lan ational forests eep slopes	ds	Urban areas Nature trails Other:	☐ Campgrounds ☐ Stairs/walkway				

items that may be of interest. (Include photographs)

*Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

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Page Two - Data Sheet B for WBID #______

☐ Riffle Widtl	h (ft).	Length (ft):	Avg. Depth	(ft).	May Doub (A)	
				· · · · · · · · · · · · · · · · · · ·	Max. Depth (ft):	-
□ Run Widt		Length (ft):	Avg. Depth	~	Max. Depth (ft):	
	h (ft): g, 7m	Length (ft): 20			Max. Depth (ft): O	4m
☐ Flow Prese	nt?	☑ No	Estimated (1	ft³/sec): 477-47		
Downstream V	iew Physical	Dimensions: 🖎	, 0.11, 0.63 , 6.63,		OW-STREAM DAMMED CULVENT.	By Rim
□ Riffle Widt	n (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
☑ Run Widt	n (ft): 6m	Length (ft): 💢	Avg. Depth	(ft):	Max. Depth (ft): ¿	ilm
□ Pool Widt	n (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
Flow Prese	nt? ☑ Yes	□ No	Estimated (1	ft³/sec): 4~=175	: 4m=20s:4m= Rls	
				······································	FLOW = 0.01 m	
ostrate*: (These		add up to 100%.) 6 Gravel	% Sand 50	% Silt	O Madolan	
90 % 0000	10	e Glavei	% Sand 50	% SIII	% Mud/Clay	% Bedroc
Norlë						
	stics*: (Mark	all that annly)			· · · · · · · · · · · · · · · · · · ·	1 1
iter Character	istics*: (Mark	all that apply.)	☐ Chemical	⊠None	□ Other:	
iter Character			☐ Chemical	☑ None ☐ Milky	□ Other:	
iter Character	☐ Sewage	☐ Musky				
iter Character Odor: Color:	☐ Sewage ☐ Clear	☐ Musky	☐ Gray	□ Milky	☐ Other:	
Odor: Color: Bottom Deposit: Surface Deposit: mments: Please is information is n prehensive unders sion on the recreat	☐ Sewage ☐ Clear ☐ Sludge ☐ Oil e attach additent to be used so tanding of water ion use analysis. I, hereby aff	☐ Musky ☐ Green ☐ Solids ☐ Scum ional comments (lely for removal of a r conditions. Consect s but may point to consist the best of the best of the best of the section in the best of th	☐ Gray ☐ Fine sediments ☐ Foam Including informate recreational use designmently, this information inditions that need further the sed further recreations that need further recreations are recreated in the need further recreations are recreated in the need further recreated	☐ Milky ☐ None ☐ None ☐ None ☐ Interpolation from interpolation but rather on is not intended ther analysis or the content of	Other: Other: Other: rviews) to this form. is to provide a more d to directly influence a	this UAA
Color: Bottom Deposit: Surface Deposit: mments: Please is information is neprehensive undersion on the recreate the undersigned asheet is true and the under	☐ Sewage ☐ Clear ☐ Sludge ☐ Oil e attach addited to be used so tanding of water ion use analysis and accurate a courate a courage.	☐ Musky ☐ Green ☐ Solids ☐ Scum ional comments (lely for removal of a r conditions. Consects but may point to continuous to the best of	Gray Fine sediments Foam Including informate recreational use designmently, this information ditions that need furth f my knowledge, to	☐ Milky ☐ None ☐ None ☐ None If None If no interpolation but rather on is not intended ther analysis or the interpolation but all information b	Other: Other: Other: rviews) to this form. is to provide a more d to directly influence a nat effect another use.	his UAA
odor: Color: Bottom Deposit: Surface Deposit: mments: Please is information is no prehensive unders sion on the recreate the undersigned asheet is true a	☐ Sewage ☐ Clear ☐ Sludge ☐ Oil e attach addited to be used so tanding of water ion use analysis and accurate a courate a courage.	☐ Musky ☐ Green ☐ Solids ☐ Scum ional comments (lely for removal of a r conditions. Consects but may point to continuous to the best of	Gray Fine sediments Foam Including informate recreational use designmently, this information ditions that need furth f my knowledge, to	☐ Milky ☐ None ☐ None ☐ None If None If no interpolation but rather on is not intended ther analysis or the interpolation but all information b	Other: Other: Other: rviews) to this form. is to provide a more d to directly influence a nat effect another use.	his UAA





Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: 16	1		Site Location Description: ROAD CLOSED, PATVATE PROPERTY - SITE NOT ACCESSANCE. SITE RELICATED Facility Name: UNION CHAPEL SCHOOL / PCRSO BRUSH CA. FALJESTV Permit Number: Weather Conditions for Past 7 days:				
Site GPS Coordinates:							
Date & Time: 03-15-0	15: 1500						
Personnel: CHAD DAN		nfaisien/					
Current Weather Condition	ions: 47°F 0466	KCAI T					
Photo Ids: Upstream:		vnstream:	Ot	her:			
ses Observed*:	<u> </u>						
☐ Swimming	☐ Skin diving		UBA diving	☐ Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	☐ Boa	ating	☐ Wading	☐ Rafting		
☐ Hunting	☐ Trapping	☐ Fish		☐ None of the above to-documentation of evidence	☐ Other:		
urrounding Conditionems of interest.)	ns*: (Mark all that	promote or im	pede recreationa	l uses. Attach photos of evide	nce or unusual		
	ns*: (Mark all that	1.	pede recreationa	-	nce or unusual Campgrounds		
ems of interest.)		1.	nservation lands	-	T		
ems of interest.) City/county parks	Playgrounds	☐ MDC cor	nservation lands	☐ Urban areas	☐ Campgrounds		
ems of interest.) M City/county parks D Boating accesses	☐ Playgrounds ☐ State parks ☐ Fence	☐ MDC co	nservation lands	☐ Urban areas ☐ Nature trails	☐ Campgrounds		
ems of interest.) ☑ City/county parks ☐ Boating accesses ☐ No trespass sign	☐ Playgrounds ☐ State parks ☐ Fence	☐ MDC co	nservation lands	☐ Urban areas ☐ Nature trails	☐ Campgrounds		
ems of interest.) ☐ City/county parks ☐ Boating accesses ☐ No trespass sign	☐ Playgrounds ☐ State parks ☐ Fence	☐ MDC con ☐ National ☐ Steep slo nts ☐ D	nservation lands forests pes	☐ Urban areas ☐ Nature trails ☐ Other:	☐ Campgrounds ☐ Stairs/walkway		

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

*Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

JTR-03-15-05

Page Two - Data Sheet B for WBID # Stream Morphology: **Upstream View Physical Dimensions:** ☐ Riffle Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): Width (ft): Length (ft): Avg. Depth (ft): ☐ Run Max. Depth (ft): Width (ft): Length (ft): Avg. Depth (ft): ☐ Pool Max. Depth (ft): Estimated (ft³/sec): ☐ Flow Present? ☐ Yes □ No **Downstream View Physical Dimensions:** ☐ Riffle Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): □ Run Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): ☐ Pool Estimated (ft³/sec): ☐ Flow Present? ☐ Yes □ No Substrate*: (These values should add up to 100%.) % Cobble % Gravel % Sand % Silt % Mud/Clay % Bedrock Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site) Water Characteristics*: (Mark all that apply.) Odor: ☐ Chemical □ None ☐ Sewage ☐ Musky ☐ Other: Color: ☐ Clear ☐ Green ☐ Gray ☐ Milky ☐ Other: **Bottom Deposit:** ☐ Sludge ☐ Solids ☐ Fine sediments □ None ☐ Other: Surface Deposit: □ Scum ☐ Foam □ Oil □ None ☐ Other: Comments: Please attach additional comments (including information from interviews) to this form.

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed: Chief	Date: 03-15-05
Organization: TETNA TEH IN.	Position: Ashesate Reserving
JTR-03-15-08	

^{*}This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use.





Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: 6	Missouri WBID #: 6 *				Site Location Description: 150m South of N. Haafton Road Chossing.						
Site GPS Coordinates: N	139 25548 WOJY	,73804	1	13011 360	7 N O F	WHATTON PON CP	0221WG.				
	Date & Time: 03-15-05:1540					Facility Name: UNION CHAPEL ELEM SCHOOL! CASD BANGA CA. FACTERTY					
Personnel: CHAD BARB	Personnel: CHAO DARBOUR, JERAMY ROBBERN					Permit Number:					
Current Weather Condit		Weather Conditions for Past 7 days:									
Photo Ids: Upstream:		wnstrea	m: <i>155</i>	190	Other:						
Jses Observed*:											
☐ Swimming				BA diving		☐ Tubing	☐ Water skiing				
☐ Wind surfing	☐ Kayaking		□ Boat	ing	1	□ Wading	☐ Rafting				
☐ Hunting	☐ Trapping		□ Fishi	ng		None of the above	☐ Other:				
Describe: (include numb	ber of individuals re	creating	, freque	ncy of use, p	hoto-de	ocumentation of evidence	of recreational uses, etc.				
						•					
				•							
			•			·					
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	ns*: (Mark all that	promote	e or imp	ede recreatio	nal use	es. Attach photos of evide	nce or unusual				
	ns*: (Mark all that	1.		ede recreatio		es. Attach photos of evider Urban areas	nce or unusual Campgrounds				
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ems of interest.) ☐ City/county parks ☐ Boating accesses ☐ No trespass sign	☐ Playgrounds ☐ State parks ☐ Fence	□ M	DC cons	servation lan		☐ Urban areas ☐ Nature trails	☐ Campgrounds				
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City/county parks City/county parks Boating accesses No trespass sign Vidence of Human Use Roads Rope swings Other:	☐ Playgrounds ☐ State parks ☐ Fence Se*: ☐ Camping Site Attach a map of	☐ M ☐ No ☐ Sta	DC constational for the property of the proper	servation landorests es eck/platform e pit/ring ent with ass	ds	☐ Urban areas ☐ Nature trails ☐ Other: ☐ Livestock Watering ☐ NPDES Discharge	☐ Campgrounds ☐ Stairs/walkway ☑ RV / ATV Tracks ☐ Fishing Tackle				
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City/county parks City/county parks Boating accesses No trespass sign Vidence of Human U Roads Rope swings Other: ite Locations Map(s): ther items that may be	Playgrounds State parks Fence Fence Foot paths/pr Camping Site Attach a map of of interest. (Inc.)	ints s f entire	DC constational for eep slope Do Firese segment of the control of	servation landorests es ock/platform e pit/ring ent with assuphs) decision on a	ds	☐ Urban areas ☐ Nature trails ☐ Other: ☐ Livestock Watering ☐ NPDES Discharge ent sites clearly labele	☐ Campgrounds ☐ Stairs/walkway ☐ RV / ATV Tracks ☐ Fishing Tackle ed. Mark any				
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□ Boating accesses □ No trespass sign Cvidence of Human Use □ Roads □ Rope swings □ Other: Site Locations Map(s): ther items that may be Some of this information is any point to conditions that	Playgrounds Playgrounds Pence Se*: Poot paths/pr Camping Site Attach a map of interest. (Inc. and intended to direct need further analysis) To Location	ints s f entire lude ph ectly infl s or that	DC constational for the property of the proper	servation landorests es ock/platform e pit/ring ent with ass phs) decision on a mother use.	ds sessm	☐ Urban areas ☐ Nature trails ☐ Other: ☐ Livestock Watering ☐ NPDES Discharge ent sites clearly labele	☐ Campgrounds ☐ Stairs/walkway ☐ RV / ATV Tracks ☐ Fishing Tackle ed. Mark any				

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□ Run	Width (ft)): _	Length (ft):	Avg.	Depth (ft):	Ma	x. Depth (ft):	•
	Width (ft)):	Length (ft):	Avg.	Depth (ft):	Ma	ax. Depth (ft)	
☑ Pool	Width (ft)): 7.8m	Length (ft): スゥィ	Avg.	Depth (ft):	Ma	ax. Depth (ft):	1.04m
☑ Flow	Present?	☐ Yes	☑ No	Estin	nated (ft ³	/sec):			
Dorrmatuos	Viar-	Dhysical	Dimondon						
	Width (ft)		Dimensions: On Length (ft):		Depth (1			x. Depth (ft):	
	Width (ft)		Length (ft):		Depth (1	•		x. Depth (ft):	
□ Run ☑ Pool	Width (ft)		Length (ft): 20		Depth (i			x. Depth (ft):	
					nated (ft ³	·	IVIO	. Depai (it):	0.83.0
☑ Flow	Present?	☐ Yes	☑ No	Esum	iated (II	/sec):	•		
bstrate*:	(These val	ues should a	dd up to 100%.)						
	Cobble		Gravel	% Sand	סל	% Silt	35 %M	ud/Clay	% Bedrock
				Chemical		None		Othory	
					·			···	· · · · · · · · · · · · · · · · · · ·
					· · · · · · · · · · · · · · · · · · ·				
-					ments				······································
Surface Dep	osit: [] Oil	☐ Scum	☐ Foam		☑ None		Other:	
Odor: Color: Bottom Dep Surface Dep	Coosit: C	CS*: (Mark a Sewage Clear Sludge Oil	all that apply.) ☐ Musky ☑ Green ☐ Solids ☐ Scum	☐ Chemical ☐ Gray ☑ Fine sedin ☐ Foam		☑ None ☐ Milky ☐ None ☑ None	. 0	Other: Other: Other:	

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: 163	A		Site Location Description: Proad Closed, Sate Not Accessable. Protokte Protokte Sate Research Facility Name: Union Charge School PLRSD Grunch Facility						
Site GPS Coordinates:	NIA								
Date & Time: 03-15-	05/1500								
Personnel: CHAD DAN	Personnel: CHAD DANDOUN, SENAMY ROBER				Permit Number:				
Current Weather Condition	Current Weather Conditions: 47°F, OVERCAST				Weather Conditions for Past 7 days:				
Photo Ids: Upstream:									
Uses Observed*:									
☐ Swimming	☐ Skin diving	□ sc	UBA diving		☐ Tubing	☐ Water skiing			
☐ Wind surfing	☐ Kayaking	□ Во	ating		☐ Wading	☐ Rafting			
☐ Hunting	☐ Trapping	☐ Fisl	hing		☐ None of the above	☐ Other:			
Surrounding Conditio	ns*: (Mark all that p	promote or im	pede recreation	onal uses	s. Attach photos of evide	nce or unusual			
☐ City/county parks	☐ Playgrounds	☐ MDC co	nservation land	ds	☐ Urban areas	☐ Campgrounds			
☐ Boating accesses	☐ State parks	☐ National	forests		☐ Nature trails	☐ Stairs/walkway			
☐ No trespass sign	☐ Fence	☐ Steep slo	pes		Other:				
Ev <u>idence of Human U</u>	se*:								
☐ Roads	☐ Foot paths/pri	nts 🗆 I	ock/platform		☐ Livestock Watering	□ RV / ATV Tracks			
☐ Rope swings	☐ Camping Sites	□F	ire pit/ring		☐ NPDES Discharge	☐ Fishing Tackle			
☐ Other:									

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

September 29, 2004 03/15/05

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Page Two - Data Sheet B for WBID #_______ **Stream Morphology: Upstream View Physical Dimensions:** Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): ☐ Riffle Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): ☐ Run Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): ☐ Pool Estimated (ft³/sec): ☐ Flow Present? ☐ Yes Downstream View Physical Dimensions: Width (ft): Length (ft): Avg. Depth (ft): ☐ Riffle Max. Depth (ft): Width (ft): Length (ft): Avg. Depth (ft): ☐ Run Max. Depth (ft): Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): ☐ Pool Estimated (ft³/sec): ☐ Flow Present? ☐ Yes □ No Substrate*: (These values should add up to 100%.) % Cobble % Silt % Gravel % Sand % Mud/Clay % Bedrock Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site) Water Characteristics*: (Mark all that apply.) Odor: ☐ Sewage ☐ Musky ☐ Chemical □ None ☐ Other: Color: ☐ Clear ☐ Green ☐ Gray ☐ Milky ☐ Other: **Bottom Deposit:** ☐ Sludge ☐ Solids ☐ Fine sediments □ None ☐ Other: Surface Deposit: □ Oil ☐ Scum ☐ Foam □ None ☐ Other: Comments: Please attach additional comments (including information from interviews) to this form. *This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed: CAEM	Date: 03-15-05
Organization: TETRA TEZH INC.	Position: Allie 31 SCIENTIST.
TVR 03-15-05	

decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use.

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

			Cita I						
······································	Missouri WBID #: 162* SITE FUNTREST U.S. Site GPS Coordinates: N31. \$5(26 W044.73620				Site Location Description: 150m N of N. HAMPTON NO. CRISTNG				
Site GPS Coordinates:									
Date & Time: 63-15-0	5:1620		Facili	Facility Name: UNION CHAPEL ELEN SCHOOL; CRISD BRINHCH, FACTITE					
	Personnel: CHAD BAMBOOK. JEHAMY ROBEEN				Permit Number:				
Current Weather Condi		AS T	Weat	Weather Conditions for Past 7 days:					
Photo Ids: Upstream:	1557 B Doi	wnstrea	m: 1556 B	Othe	r:				
Jses Observed*:									
☐ Swimming				ving	☐ Tubing	☐ Water skiing			
☐ Wind surfing	☐ Kayaking		☐ Boating		☐ Wading	☐ Rafting			
☐ Hunting	☐ Trapping		☐ Fishing		None of the above	☐ Other:			
Describe: (include num	ber of individuals red	creating	, frequency of	use, photo-	documentation of evidence	of recreational uses, etc.)			
	•								
						•			
	•	٠							
					• •				
ems of interest.) City/county parks	Playgrounds	1	e or impede rec		uses. Attach photos of eviden	Campgrounds			
☐ Boating accesses	☐ State parks		ational forests		☐ Nature trails	☐ Stairs/walkway			
☐ No trespass sign	☐ Fence		eep slopes		☐ Other:	C Stans waterway			
	<u> </u>		ocp stopes		LI Outer.				
Evidence of Human U	se*:								
☑ Roads	☐ Foot paths/pri	nts	☐ Dock/plan	form	☐ Livestock Watering	RV / ATV Tracks			
☐ Rope swings	☐ Camping Site	5	☐ Fire pit/ri	ng	☐ NPDES Discharge	☐ Fishing Tackle			
☐ Other:									
ther items that may be Some of this information is ay point to conditions that	of interest. (Incl s not intended to dire need further analysis	ude pl ctly inf s or tha	notographs) luence a decision teffect another	on on any o	ment sites clearly labele one particular recreational us	se analysis but			
September 29, 200	4 11 63/	i3p	>			Page 18			

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Stream Mor Upstream			mensions: 🌣 🗷	0,4,0,4	3,0,42,	ð-aum	•		
☐ Riffle	Width (Length (ft):		Avg. Depth (ft):		Max. Depth (ft):		
☐ Run	Width (ft):	Length (ft):		Avg. Depth (ft):		Max. Depth (ft):	Max. Depth (ft):	
Pool	Width (ft): 5,2 Length (ft)			Run Avg. Depth (ft): 0.42~			Max. Depth (ft): 2.43		
 Flow	Present?	☐ Yes	☑ No	No Estimated (ft³/sec):					
Downstre	am Vie	w Physical	Dimensions: ರಿ.	н оч о	.73 .6.65	2. 6.33m			
☐ Riffle				Length (ft): Avg.			Max. Depth (ft):	Max. Depth (ft):	
☐ Run	Width (1	ft):	Length (ft):		Avg. Depth (ft):		Max. Depth (ft):		
☑ Pool	ol Width (ft): 3-5m		Length (ft): Rom		Avg. Depth (ft): O. 44.		Max. Depth (ft): 0,73		
☑ Flow	Present?		☑ No		Estimated (ft ³ /sec):				
	(These vanion Cobble		dd up to 100%.) Gravel	% Sand	70	% Silt	>0 % Mud/Clay	% Bedrock	
Water Char	actarict	ios*• (Mark	ill that apply			······································			
Odor:	acter ist	☐ Sewage	☐ Musky	☐ Chem	ical	None	☐ Other:		
Color:		図Clear	☑ Green	☐ Gray		☐ Milky	☐ Other:		
Bottom De	posit:	□ Sludge	☐ Solids	☑ Fine s	ediments	□ None	☐ Other:		
Surface De	posit:	□ Oil	☐ Scum	☐ Foam		None	☐ Other:		
This information	on is not t understan	to be used sole ding of water	ely for removal of a conditions. Consec	recreational	use desigr	nation but rat n is not inter	nterviews) to this form her is to provide a more aded to directly influence or that effect another use.		
latasheet is	signed, l true and	d accurate.	rm to the best o	f my knov	wledge, t	hat all inf	ormation reported o	n this UAA	
Signed:	Jest 6				_Date:	03 15-05		·	
Organization:	TETA	A TECH I	v.c.		_ Position	n: Associ	SATE SCIENTIST	****	
	ME	2 03/15	5/05		•				



